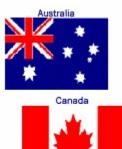
# **COMBINED COMMUNICATIONS-ELECTRONICS BOARD**



Combined Communications-Electronics //











## STRATEGIC PLAN

**Version P36** 17 May 2006

#### **CCEB PURPOSE STATEMENT**

Enable Interoperable C4 Capabilities That Make Warfighters More Effective in Coalition Operations

### **INTRODUCTION**

Today the Defence forces of the AUSCANNZUKUS nations which form the Combined Communications-Electronics Board (CCEB) face the challenges of technology that enable dramatic change to organizational structures, operational concepts and command and control processes. Synergy between firepower and manoeuvre is achieved through the timely collection and dissemination of information. Commanders must possess information superiority through access to accurate, complete and on-demand information. This will allow them to achieve near real-time situational awareness of the battlespace, provide a decisive edge in warfare actions and protect their forces. Thus, knowing the battlespace is as important as owning it.

The present international security environment, and in particular the "Global War on Terrorism", increases the likelihood that future operations involving CCEB nations will be fought by coalitions or alliances. These operations will be complex and dynamic, involving military forces from within and outside those nations that make up the CCEB, and with significant civil, military and political interaction. Organizational and command structures must be flexible, varying according to operational necessity and national commitment. Typically, the composition of any force will be significantly different from any previous deployment, subject to indeterminate political pressures and require cooperation between forces that have disparate capabilities and little experience in working with each other.

CCEB enables C4 interoperability for member nations. Focus is on interoperability between member nations at the Strategic, Operational, and Tactical levels of command.

CCEB has a mandate from member nations and other fora to provide leadership in the development of C4 capabilities within the combined and joint environment. Working to priorities agreed with member nations and other international fora, the CCEB seeks to achieve interoperability by developing and agreeing policies, procedures and standards. This is achieved by influencing national programmes to deliver capabilities for the exchange of all information in the combined or coalition environment.

### THE CCEB STRATEGIC PLAN

To achieve its Purpose, the CCEB will collaborate among nations and with single Service fora, the MIC and other multinational fora, focusing work to achieve the goals directed by an agreed Strategic Plan. This Plan directs CCEB effort to create an environment that enhances the interoperable capabilities that deliver or support the use of information that:

- Meets the Warfighters' needs;
- Provides direct access to secure, accurate information for planning and decision making;
- Automates near real-time situational awareness in order to provide military and political leaders with the most accurate information possible on which to base decisions; and

• Is based on dependable, real time, and secure communications between national HQs and to all deployed forces.

# GOALS AND OBJECTIVES

Goals	Associated Objectives		
Goal 1: Promote and Lead C4	Influence future C4 capabilities to enhance interoperability		
Interoperability in Support of	Lead multi-national C4 coordination		
the Coalition Warfighter	Take an active part in the MIC		
	Champion member nations efforts to achieve network centricity		
Develop and enhance Combined	within a Global Information Grid		
and/or Coalition C4	Manage interoperability standards and products such as ACPs.		
interoperability within nations,	Continue the development and the implementation of C4		
amongst allies and with	strategies		
coalition partners through the	Manage CCEB activities		
provision of strategies, policies	Promote CCEB's role in the Defence community		
and procedures			
Goal 2: Deliver capabilities	Maintain and improve robustness and QoS of Griffin		
and services to improve	Develop capabilities and services in consultation with the MIC.		
information exchange in a	Monitor and champion the development of guard technology		
Coalition Environment.	Address information assurance issues within the Coalition		
	Environment		
Provide the Warfighter with	Achieve interoperable PKI and DS solutions		
capabilities and services	Develop and coordinate the interconnection of secure national		
providing effective and	fixed network infrastructures		
interoperable communications	Develop the policy and procedures required for secure		
and information services by	infrastructure at the deployed operational and tactical levels		
influencing the implementation	Deliver secret email with attachments		
and future development of these	Deliver secure telephony and RF voice		
capabilities.	Deliver secure messaging and directory services		
	Deliver situational awareness information		
	Deliver a govern with based information environment		
	Deliver a secure web-based information environment		
	Deliver multi-point secure VTC capability  Identify information management issues and solutions		
Goal 3: Champion actions to	Identify information management issues and solutions.  Influence national positions at the World Radiocommunication		
optimize Military access to	Conference (WRC) by advocating coalition interests.		
spectrum.	Identify, protect and coordinate frequency spectrum supporting		
specti um.	combined operations		
Provide the Warfighter with	Deliver guidance for effective battlespace spectrum		
access to adequate radio	management in support of coalition operations.		
frequency spectrum	Develop technologies and procedures for the effective		
1	management of spectrum in the battlespace.		
	Monitor and influence the development of spectrum related		
	issues with emerging technologies by advocating		
	Coalition interest and sharing best practices		

## THE WAY FORWARD

### **Implementing the Strategy.**

- The realization of the CCEB strategic plan will include the following actions:
- Maintaining the currency of the CNS.
- Publishing and communicating this Strategic Plan throughout the CCEB community and with all other appropriate nations and fora.
- Maintaining a Management Plan that directs and prioritizes CCEB tasks and assigns resources.
- Working Groups and Task Forces planning work to achieve each of the Objectives and initiating actions to implement each Objective in a timely and collegial manner.
- Developing and maintaining CCEB publications and documents.

### **Implementation Priorities**

The work of the CCEB has been prioritized in terms of urgency (the operational imperative), achievability (can solutions be found at this time?) and cost (can the required resources be made available?), balancing the need to deliver the operators' highest agreed requirements as well as identify the technology and develop policies that enable future interoperability. Annex A contains the CCEB Implementation priorities and have been determined as the highest priority activities. CCEB efforts will be concentrated on delivering near-term solutions and products in these areas. Implementation priorities are to be used to direct the implementation of the Strategic Goals and their Objectives, and for the setting of agendas for meetings.

These priorities are to be used to direct the implementation of the Strategic Goals and their Objectives and for the setting of agendas at meetings.

### **CONCLUSION**

The imperative of providing improved C4 support to commanders places demands on the senior members of the CCEB to carefully plan, coordinate and allocate resources (including people, monies and facilities) amongst many worthwhile C4 initiatives. Success can be achieved by:

- Gaining a shared understanding of joint and coalition C4 requirements by working with allied and coalition groups
- Focusing CCEB efforts on achieving the priorities articulated by the operations staff in the MIC
- Influencing national C4 capabilities to achieve or enhance interoperability
- Using a collaborative, collegiate, multi-disciplined team approach
- Ensuring the CCEB adds value
- Demonstrating developed capabilities
- Protecting information assets from threat

Success will enable the CCEB to move through the 21<sup>st</sup> Century with the confidence that commanders are receiving appropriate C4 support for their mission.

For the Australian Defence Force	Major General M.L. Clifford
Equation Depositment of National Defense	
For the Canadian Department of National Defence	Major-General A.G. Hines
For the New Zealand Defence Force	Mr. D.M. Locke
	_
For the United Kingdom Ministry of Defence	Air Vice Marshal S.D. Butler
For the United States Department of Defense	
	Major General D.C. Moran